

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC872 U.S. PRO
09/054618
05/14/01



Applicants: GEORGE BARTLETT Docket No.: 01-165

Serial No.: Examiner :
Filed : Art Unit :

For : PACKING ATTACHMENT FOR
FRONT LOADER MACHINES

900 Chapel Street
Suite 1201
New Haven, CT 06510-2802

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
United States Patent and Trademark Office
Washington, DC 20231

Dear Sir:

In accordance with the requirements of 37 C.F.R. 1.97 and 1.98, Applicant hereby submits the prior art documents listed hereinbelow, copies enclosed.

1. U.S. Patent No. 3,091,159, Patented May 28, 1963, By Miller, for EARTH TAMPER. This reference relates to a earth working and equipment employed in the various operations involving the excavating, filling and otherwise moving of earth and include the application of force in an effort to restore the original compactness and solidarity sufficient to sustain a predetermined weight in a particular location without the delay which would be necessary for the forces of nature to accomplish such result.

2. U.S. Patent No. 3,376,799, Patented April 9, 1968, By Perry et al., for IMPACT MACHINE. This reference relates to an impact machine including hollow cylindrical housing having first and second ends; a first end member removably fixed on said first end; fixtures on said first end member adapted to be pivotally connected to a down bearing arm of a backhoe vehicle, or the like; a normally lower end of said housing; a second end member removably fixed to said second end of said housing and having a plunger guiding opening therein; a plunger extending through said opening; an impact tool carried by said plunger and disposed externally of said housing and beyond said second end member; a portion of said plunger projecting into said housing; an anvil connected to said plunger; a hammer reciprocally mounted in said housing to stroke toward and away from said anvil; wrist pin, connecting rod and crank pin means coupled to said hammer to cause and control the reciprocal stroke of said hammer in said housing; a hydraulic motor for rotating said crank pin; a resilient cushion member disposed between said hammer and said anvil; resilient means tending to move said anvil toward said hammer; anvil locating means tending to restrain said anvil and said cushion against force of said resilient means to hold said anvil and the cushion in position to interfere with the stroke of said hammer and whereby said anvil receives impact force from said hammer through said cushion to cause forceful impact to be transmitted by said

plunger to said impact tool.

3. U.S. Patent No. 5,365,837, Patented November 22, 1994, By Lowery, for APPARATUS FOR PACKING MATERIAL IN AN OPEN TOP CONTAINER. This reference relates to an apparatus for packing material in an open top container. The first ends of first and second arm members are pivotally attached to a support member. The opposite ends of a link member are pivotally attached, respectively, to the first and second arm members at points between the opposite ends of the first and second arm members. The upper end of a leg portion of a packer member is pivotally attached to the second ends of the first and second arm members. A foot portion is attached the lower end of the leg portion of the packer member. Urging structure, such as a hydraulic cylinder, causes the first arm member to pivot about the pivotal connection between the first end of the first arm member and the support member so that the second end of the first and second arm members will move through an arc, the link member will move through an arc, the leg portion of the packer member will move through an arc, and the foot portion of the packer member will move substantially vertically.

4. U.S. Patent No. 3,635,133, Patented January 18, 1972, By Stougard, for MOUNTING FOR COMPACTORS. This reference relates to a device for mounting a material compactor on a

vehicle including means for securing the mounting device to the vehicle, a baseplate including an adjustable connection to the vehicle securing means, a pair of linkage arms pivotally mounted to the baseplate to allow conformation of the compactor to ground level, upper and lower spaced pairs of connecting arms having one end pivotally joined to the linkage arms and the other end pivotally connected to the material compactor to allow vertical compactor to allow vertical compactor movement without substantially transmitting reaction to the retaining vehicle, means for adjusting the compactor angle, shock-absorbing means on the baseplate to cushion blows of the connecting arms, and means to lock the connecting arms in an elevated position for vehicle movement with the compactor suspended above ground level.

5. U.S. Patent No. 4,087,010, Patented May 2, 1978, By Stormon, for APPARATUS FOR MOUNTING A HAND-HELD PAVING BREAKER ON BACKHOE ATTACHMENTS. This reference relates to an apparatus for removably mounting a hand-held tool such as a pavement breaker or tamper releasably on the wrist linkage of the bucket for a backhoe attachment for a tractor or truck including an attachment member having a slide rail, a carriage slidably mounted on the slide rail, biasing member mounted on the attachment member biasing the carriage to a tool nonoperating position and a control member mounted on

the attachment member adapted for engaging the tool operating lever.

6. U.S. Patent No. 4,808,027, Patented February 28, 1989, By Anderson, for COMPACTION ATTACHMENT FOR BACKHOE. This reference relates to simplified compacting apparatus for mounting on the tool-support boom of a backhoe or other tractor. The apparatus includes a lower member with a convex cylindrical compacting surface which extends through an arc of less than about 180 degrees, preferably less than about 90 degrees, and terminates in front and rear edges. At least one and preferably two upright members are secured to the lower member, preferably to a top concave surface thereof, and pivot mounts are on the upright member to allow pivoting attachment to a tool-support boom. The apparatus is easy to operate and easily reached edges not reached by many prior devices.

7. U.S. Patent No. 6,061,933, Patented May 16, 2000, By Rogge, for COMPACTOR FOR USE WITH BACKHOE METHOD AND APPARATUS. This reference relates to an impact apparatus including a weight within a steel frame that may be carried by a vehicle mounted backhoe and placed over the surface to be compacted or broken. The weight is lifted and released by a cable. To pull the cable, a hydraulic cylinder pushes one set of pulleys upwardly away from another set with the

upper set of pulleys including five pulleys and the lower set including four pulleys to provide a multiplication factor. The end of the cable opposite the end attached to the weight is attached to the movable pulleys, all of which are mounted at an elevation higher than the fixed pulleys so that the pulley assembly, the attached cable end, the hydraulic cylinder ram and piston, and the weight fall downwardly under the force of gravity.

Respectfully submitted,

GEORGE BARTLETT

By 
George A. Coury
Attorney for Applicant

Area Code: 203
Telephone: 777-6628
Telefax : 865-0297

Date: May 14, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on 5-14-01

(Date of Deposit)

Janice T. Staton
Name and Reg. No. of At:

Signature

5/14/01
Date of Signature

EXPRESS MAIL # EL394336980US